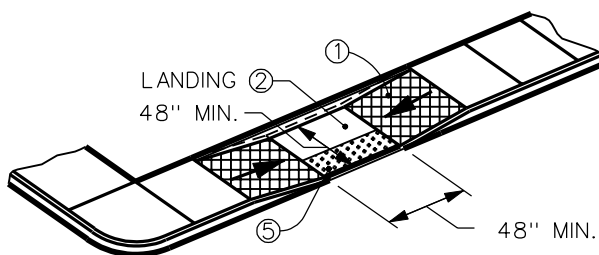
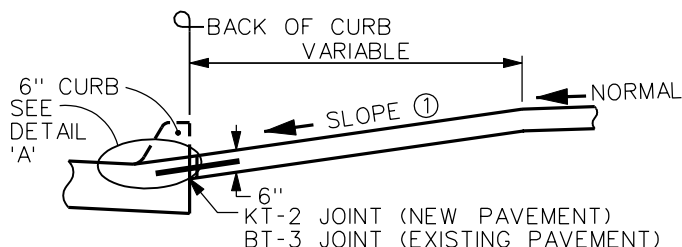


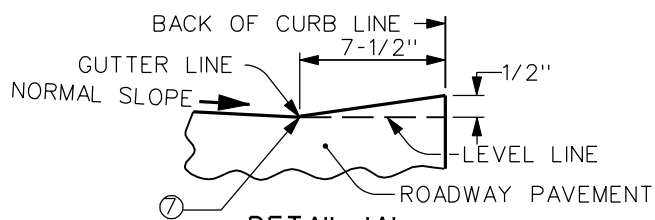
**PERPENDICULAR RAMP
(FOR CLASS 'A' SIDEWALK)**



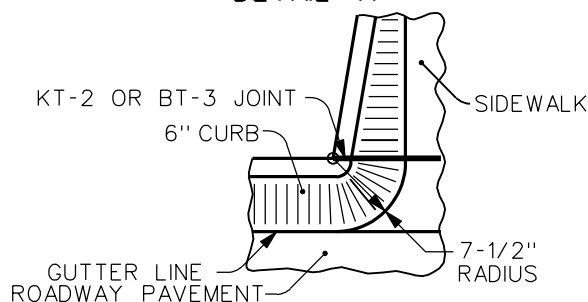
**PARALLEL RAMP
(FOR CLASS 'A' SIDEWALK)
(FOR USE WITH RESTRICTED RIGHT-OF-WAY)
(ALL RAMP SLOPE WITHIN SIDEWALK)**



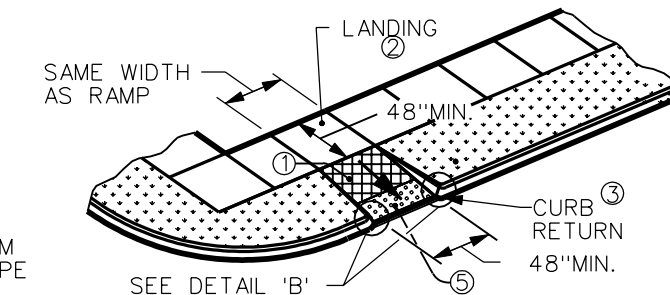
**TYPICAL SECTION
(PERPENDICULAR & COMBINATION RAMPS)**



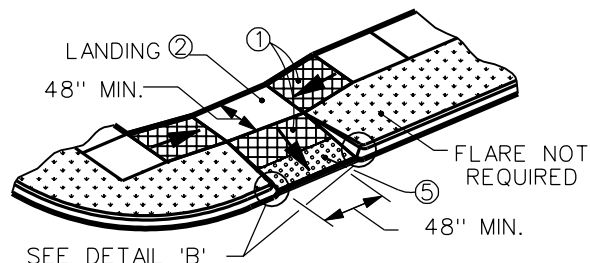
DETAIL 'A'



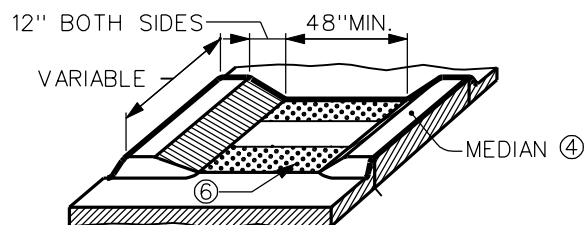
**DETAIL 'B'
(CURB RETURN)**



**PERPENDICULAR RAMP
(FOR CLASS 'B' & 'C' SIDEWALK)**



**COMBINATION RAMP
(FOR CLASS 'B' & 'C' SIDEWALK)
(FOR USE WITH RESTRICTED RIGHT-OF-WAY)
(PART OF RAMP SLOPE PARALLEL TO
SIDEWALK AND PART PERPENDICULAR TO
SIDEWALK)**



ACCESS AT CURBED MEDIANS

- | | |
|------------------------|---------------------|
| RAMP SLOPE (12:1 MAX) | DETECTABLE WARNINGS |
| FLARE SLOPE (10:1 MAX) | GRASS |

NOTES:
IF CROSSWALKS ARE MARKED, THE RAMPS, EXCLUSIVE OF FLARES, MUST BE WHOLLY LOCATED WITHIN THE CROSSWALK MARKINGS.

- ① MAXIMUM RAMP SLOPE IS 12:1 (8.33%). (DOES NOT APPLY AT MID-BLOCK CROSSINGS FOR PARALLEL RAMPS OR THE PARALLEL PORTION OF COMBINATION RAMPS)
- ② MAXIMUM LANDING SLOPE IN ANY DIRECTION IS 2%. (DOES NOT APPLY TO MID-BLOCK CROSSINGS)
- ③ FLARE REQUIRED IF RAMP IS CONTIGUOUS WITH SIDEWALK.
- ④ PROVIDE 2% CROSS SLOPE ACROSS MEDIAN FOR DRAINAGE. FOR WIDE MEDIANS (12' OR GREATER), CURB RAMPS MAY BE USED AT BOTH SIDES WITH A 48" X 48" MIN. LANDING IN BETWEEN.
- ⑤ A 24" (MIN.) STRIP OF DETECTABLE WARNINGS SHALL BE INSTALLED AT THE BOTTOM OF RAMP. DETECTABLE WARNING SURFACES SHALL CONTRAST VISUALLY WITH ADJACENT WALKING SURFACE, EITHER LIGHT ON DARK OR DARK ON LIGHT.
- ⑥ FOR CROSSINGS CONTROLLED BY SIGNALS AND TIMED FOR FULL CROSSING, DETECTABLE WARNINGS ARE NOT REQUIRED AT MEDIANS
- ⑦ MAXIMUM ALLOWABLE GRADE BREAK BETWEEN CURB RAMP AND GUTTER SHALL BE 13%.

3	01/29/03	
REV.	DATE	BY
DATE: 01-01-98		

**TYPES OF PEDESTRIAN RAMPS
OUTSIDE OF INTERSECTION RADIUS**

FIGURE: 7030.9

SHEET 1 OF 1